

## ABSTRACT

## IMPROVEMENTS TO RIBOSOME DISPLAY

The use in a ribosome display system for selection of a specific binding pair member (e.g. antibody molecule) able to  
5 bind a complementary specific binding pair member (e.g. antigen) of encapsidating specific binding member/ribosome complexes in a viral coat, optionally in combination with incorporation of an Midvariant RNA template and optionally one or more other improvements selected from : a glycine-serine  
10 tether, protein disulphide isomerase, protein disulphide isomerase in combination with oxidised and reduced glutathione at a ratio of between 1:1 and 10:1, addition of oxidised and reduced glutathione at a ratio of between 1:1 and 10:1 after 30 minutes of *in vitro* translation; blocking with heparin  
15 during selection.

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